



# Podcasting & Screencasting

# What is Screencasting?

- A Screencast is a video file created by recording audio (your voice plus sound effects) and the visuals from a computer screen.
- The file can then be put on a web site, a CD ROM or anywhere it is useful.
- Primarily used to demonstrate new technology, like I'm doing!

# [ What is Podcasting? ]

- Originated from blogs.
- Create audio files, post them online and make them available for people to subscribe to.
- Tivo for audio files. Your computer automatically downloads them for you
- Listen to them on your computer or MP3 player

# Uses

- Radio stations
- Museum/neighborhood audio tours
- Religion: talks and sermons
- Private individuals: anything and everything, just like a blog. Go to [ipodder.org](http://ipodder.org) to check some out.
- Education

# Podcasting in Education

- Post screencasts, podcasts, PDFs or PPT files of lectures onto a class blog (See Jean Claude Bradley's presentation) or onto a secure site, like Blackboard.
- Students can access the files 24/7.
- Professors can assign the screencasts just like a chapter in a textbook.

# Accessibility

- All public computers at BMC can play flash movies and MP3 files.
- Students can rent headphones from Guild and Canaday library
- Students can also download podcasts onto personal MP3 players and print out the powerpoint presentation



# Screencasting lectures

Enriching Education

# [ Topics ]

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- Appeal to many learning styles
- Make the most of class time
- Screencast as textbook
- Enrich course content
- Self-evaluation tool

# Appeal to Many Learning Styles

“Podcasting can really enrich the educational experience and can be a tremendous help to non-traditional learners...People learn differently. Some are auditory learners, where listening to a lecture is great, but looking at a page full of notes is a nightmare. Students with learning disabilities or ADHD might learn better through repetition, and with podcasting, they could replay lectures to their heart’s content...”

-Meredith Farkas, Librarian, Norwich University

<http://meredith.wolfwater.com/wordpress/index.php/index.php?p=186>

# [ Learning Styles, cont. ]

- Visual: With a screencast and a tablet PC, you can record all your cursor movement and writing on each powerpoint slide.
- Auditory: Provide the audio from your lectures. Students can stop and replay parts they do not understand.
- Kinesthetic: Use class time for hands-on activities.
- Supports self-paced learning.

# Screencast as Textbook

*“...why not share a single high quality set of notes, rather than making lectures a speed-writing test...”*

-D'Arcy Norman, University of Calgary

<http://www.darcynorman.net/2004/10/30/podcasting-for-education>

# Screencast as Textbook, cont.

- The screencast will be a more accurate summary of the content of the class. Textbooks go out of date. Professors add extra material to the class.
- With screencasts available, students who miss class due to illness will not be disadvantaged
- You will not have to repeat your lecture during office hours. Students will have the option of playing back the information and will use office hours for additional support.

# Enrich Course Content

- Include tutorials on using software for the class
- Offer interviews with relevant scholars or scientists
- Provide extra review for students who may not be familiar with some concepts
- Provide extra content for students interested in learning beyond the scope of the class

# [ Make the most of classtime ]

A screencast could supplement in-class lectures, shortening them, or replace them altogether. Use the extra time to:

- practice problems
- answer questions
- discuss the material
- facilitate group learning
- perform in-class demonstrations

# Self Evaluation Tool

- Require each student to record class presentations and critique her performance.
- Correct inconsistencies within each lecture by editing the audio or the writing on the slide.
- Learn how students study. Test this method to see if it helps learning comprehension.

# Will students still come to class?

- Screencasting is NOT interactive. Students still rely on the instructor to answer questions.
- In class quizzes and activities cannot be missed.
- Prioritize learning over class attendance?

# [ More? ]

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- go to our resources page
- Call the ETC

[ Thanks! ]

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- Summer Multimedia Institute 2005
- Laura Blankenship, BMC Instructional Technologist
- Dr. Jean-Claude Bradley, Drexel University Chemistry Dept.



Happy Screencasting!